

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary) Sheet 1 of 13		Application Number	10/629,491
		Filing Date	July 29, 2003
		First named Inventor	Michael R.S. Hill
		Group Art Unit	3766
		Examiner name	Kristen Droesch Mullen
		Attorney Docket Number	065071-9058-00

U.S. Patent Documents

Examiner Initials	U.S. Patent Document Number	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document
KDM	3,614,995	Probert, et al.	10/26/1971
	3,804,098	Friedman	4/16/1974
	3,937,226	Funkc	2/10/1976
	4,088,138	Diack, et al.	5/9/1978
	4,088,140	Fritsche	2/15/1977
	4,198,963	Barkalow, et al.	4/22/1979
	4,161,952	Kinney, et al.	7/24/1979
	4,176,660	Mylrea, et al.	12/4/1979
	4,303,075	Heilman et al.	12/1/1981
	4,304,239	Perlin	12/8/1981
	4,321,929	Lemelson et al.	3/30/1982
	4,332,259	McCorkle, Jr.	6/1/1982
	4,351,330	Scarberry	9/28/1982
	4,354,497	Kahn	10/19/1982
	4,458,677	McCorkle, Jr.	7/10/1984
	4,548,203	Tacker, Jr. et al.	10/22/1985
	4,574,807	Hewson et al.	3/11/1986
KDM	4,603,705	Speicher, et al.	8/5/1986

Examiner Signature	/Kristen Mullen/ (11/27/2006)	Date Considered	11/27/2006
--------------------	-------------------------------	-----------------	------------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer. Patent and Trademark Office, Washington, DC 0231.

DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box Alexandria, VA 22313-1450.

Under the Paperwork Reduction Act of 1995, no person is required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary) Sheet 2 of 13		Application Number	10/629,491
		Filing Date	July 29, 2003
		First named Inventor	Michael R.S. Hill
		Group Art Unit	3766
		Examiner name	Kristen Driesch Mullen
		Attorney Docket Number	065071-9058-00

U.S. Patent Documents

Examiner Initials	U.S. Patent Document Number	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document
KDM	4,640,298	Pless et al.	2/3/1987
	4,671,295	Abrams et al.	6/9/1987
	4,715,367	Crossley	12/29/1987
	4,722,347	Abrams, et al.	2/2/1988
	4,753,244	Landymore et al.	6/28/1988
	4,919,147	Reinhardt, et al.	4/24/1990
	4,928,688	Mower	5/29/1990
	4,929,688	Allen et al.	5/29/1990
	4,931,464	Grover et al.	6/5/1990
	4,952,586	Morris et al.	8/28/1990
	4,960,133	Hewson	10/2/1990
	5,003,991	Takayama, et al.	4/2/1991
	5,007,893	Row	4/16/1991
	5,014,698	Cohen	5/14/1991
	5,024,228	Goldstone et al.	6/18/1991
	5,025,807	Zabara	6/25/1991
V	5,036,848	Hewson	8/6/1991
KDM	5,044,367	Endres et al.	9/31/1991

Examiner Signature	/Kristen Mullen/ (11/27/2006)	Date Considered	11/27/2006
--------------------	-------------------------------	-----------------	------------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer. Patent and Trademark Office, Washington, DC 0231.

DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box Alexandria, VA 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary) Sheet 3 of 13		Application Number	10/629,491
		Filing Date	July 29, 2003
		First named Inventor	Michael R.S. Hill
		Group Art Unit	3766
		Examiner name	Kristen Drosch Mullen
		Attorney Docket Number	065071-9058-00

U.S. Patent Documents

Examiner Initials	U.S. Patent Document Number	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document
KDM	5,050,600	Parks	9/24/1991
	5,052,390	Hewson	10/1/1991
	5,056,519	Vince	10/15/1991
	5,056,532	Hull et al.	10/15/1991
	5,117,822	Laghi	6/2/1992
	5,117,828	Metzger et al.	6/2/1992
	5,125,406	Goldstone et al.	6/30/1992
	5,127,407	Tan	7/7/1992
	5,129,392	Bardy et al.	7/14/1992
	5,154,172	Terry, Jr., et al.	10/13/1992
	5,156,149	Hudrlik	10/20/1992
	5,156,151	Imran	10/20/1992
	5,174,289	Cohen	12/29/1992
	5,178,149	Imburgia, et al.	1/12/1993
	5,179,950	Stanislaw	1/19/1993
	5,179,952	Buinevicius et al.	1/19/1993
	5,186,170	Varrichio et al.	2/16/1993
KDM	5,188,104	Wernicke et al.	2/23/1993

Examiner Signature	/Kristen Mullen/ (11/27/2006)	Date Considered	11/27/2006
--------------------	-------------------------------	-----------------	------------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer. Patent and Trademark Office, Washington, DC 0231.

DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box Alexandria, VA 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary) Sheet 4 of 13	Complete if Known	
	Application Number	10/629,491
	Filing Date	July 29, 2003
	First named Inventor	Michael R.S. Hill
	Group Art Unit	3766
	Examiner name	Kristen Drosch Mullen
	Attorney Docket Number	065071-9058-00

U.S. Patent Documents

Examiner Initials	U.S. Patent Document Number	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document
KDM	5,199,428	Obel et al.	4/6/1993
	5,203,326	Collins	4/20/1993
	5,205,285	Baker, Jr.	4/27/1993
	5,215,086	Terry, Jr. et al.	6/1/1993
	5,231,988	Wernicke et al.	8/3/1993
	5,235,980	Varrichio et al.	8/17/1993
	5,243,980	Mehra	9/14/1993
	5,263,480	Wernicke et al.	12/14/1993
	5,265,603	Hudrlik	11/30/1993
	5,265,623	Kroll, et al.	11/30/1993
	5,267,560	Cohen	12/7/1993
	5,269,303	Wernicke et al.	12/14/1993
	5,282,468	Klepinski	2/1/1994
	5,284,146	Czar et al.	2/8/1994
	5,292,338	Bardy	3/8/1994
	5,299,569	Wernicke et al.	4/5/1994
↓	5,304,120	Crandell et al.	4/19/1994
KDM	5,304,206	Baker, Jr. et al.	4/19/1994

Examiner Signature	/Kristen Mullen/ (11/27/2006)	Date Considered	11/27/2006
-----------------------	-------------------------------	--------------------	------------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer. Patent and Trademark Office, Washington, DC 0231.

DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box Alexandria, VA 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary) Sheet 5 of 13	Complete if Known	
	Application Number	10/629,491
	Filing Date	July 29, 2003
	First named Inventor	Michael R.S. Hill
	Group Art Unit	3766
	Examiner name	Kristen Droesch Mullen
	Attorney Docket Number	065071-9058-00

U.S. Patent Documents

Examiner Initials		U.S. Patent Document Number	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document
KDM		5,304,220	Maginot	4/19/1994
		5,330,507	Schwartz	7/19/1994
		5,330,515	Rutecki et al.	7/19/1994
		5,334,221	Bardy	8/2/1994
		5,335,657	Terry, Jr. et al.	8/9/1994
		5,354,318	Taepeke	10/11/1994
		5,356,425	Bardy et al.	10/18/1994
		5,365,926	Desai	11/22/1994
		5,379,765	Kajiwara et al.	1/10/1995
		5,403,356	Hill et al.	4/4/1995
		5,411,529	Hudrlik	5/2/1995
		5,417,713	Cohen	5/23/1995
		5,456,254	Pietroski et al.	10/10/1995
		5,458,625	Kendall	10/17/1995
		5,476,485	Wienberg, et al.	12/19/1995
		5,501,702	Plicchi et al.	3/26/1996
✓		5,501,703	Holsheimer et al.	3/26/1996
KDM		5,507,784	Hill et al.	4/16/1996

Examiner Signature	/Kristen Mullen/ (11/27/2006)	Date Considered	11/27/2006
--------------------	-------------------------------	-----------------	------------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer. Patent and Trademark Office, Washington, DC 0231.

DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box Alexandria, VA 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary) Sheet 6 of 13	Complete if Known	
	Application Number	10/629,491
	Filing Date	July 29, 2003
	First named Inventor	Michael R.S. Hill
	Group Art Unit	3766
	Examiner name	Kristen Drosch Mullen
	Attorney Docket Number	065071-9058-00

U.S. Patent Documents				
Examiner Initials		U.S. Patent Document Number	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document
KDM		5,514,161	Limousin	5/7/1996
		5,531,776	Ward et al.	7/2/1996
		5,540,730	Terry, Jr.	7/30/1996
		5,540,732	Testerman	7/30/1996
		5,549,655	Erickson	8/27/1996
		5,571,150	Wernicke et al.	11/5/1996
		5,578,061	Stroetmann et al.	11/26/1996
		5,584,867	Limousin, et al.	12/17/1996
		5,611,350	John	3/18/1997
		5,620,468	Mongeon, et al.	4/15/1997
		5,651,378	Matheny et al.	7/29/1997
		5,656,420	Chien	8/12/1997
		5,662,689	Elsberry, et al.	9/2/1997
		5,668,117	Shapiro	9/16/1997
		5,690,681	Geddes et al.	11/25/1997
		5,674,259	Gray	10/7/1997
		5,700,282	Zabara	12/23/1997
KDM		5,707,400	Terry, Jr., et al.	1/13/1998

Examiner Signature	/Kristen Mullen/ (11/27/2006)	Date Considered	11/27/2006
--------------------	-------------------------------	-----------------	------------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer. Patent and Trademark Office, Washington, DC 0231.

DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box Alexandria, VA 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary) Sheet 7 of 13	Complete if Known	
	Application Number	10/629,491
	Filing Date	July 29, 2003
	First named Inventor	Michael R.S. Hill
	Group Art Unit	3766
	Examiner name	Kristen Drosch Mullen
	Attorney Docket Number	065071-9058-00

U.S. Patent Documents

Examiner Initials	U.S. Patent Document Number	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document
KDM	5,713,924	Min et al.	2/3/1998
	5,713,929	Hess et al.	2/3/1998
	5,720,768	Verboven-Nelissen	2/24/1998
	5,755,682	Knudson, et al.	5/26/1998
	5,782,874	Loos	7/21/1998
	5,791,187	Chang	8/11/1998
	5,792,187	Adams	8/11/1998
	5,792,203	Schroeppel	8/11/1998
	5,797,970	Pouvreau	8/25/1998
	5,799,661	Boyd, et al.	9/1/1998
	5,824,021	Rise	10/20/1998
	5,836,994	Bourgeois	11/17/1998
	5,840,076	Swanson et al.	11/24/1998
	5,846,263	Peterson et al.	12/8/1998
	5,846,264	Andersson, et al.	12/8/1998
	5,874,420	Pelleg	2/23/1999
	5,889,033	Kaminski	3/30/1999
KDM	5,893,881	Elsberry et al.	4/13/1999

Examiner Signature	/Kristen Mullen/ (11/27/2006)	Date Considered	11/27/2006
-----------------------	-------------------------------	--------------------	------------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer. Patent and Trademark Office, Washington, DC 0231.

DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box Alexandria, VA 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary) Sheet 8 of 13	Complete if Known		
	Application Number	10/629,491	
	Filing Date	July 29, 2003	
	First named Inventor	Michael R.S. Hill	
	Group Art Unit	3766	
	Examiner name	Kristen Drosch Mullen	
		Attorney Docket Number	065071-9058-00

U.S. Patent Documents

Examiner Initials	U.S. Patent Document Number	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document
KDM	5,893,882	Peterson et al.	4/13/1999
	5,902,324	Thompson et al.	5/11/1999
	5,913,876	Taylor et al.	6/22/1999
	5,916,239	Geddes et al.	6/29/1999
	5,928,272	Adkins, et al.	7/27/1999
	5,964,789	Karsdon	10/12/1999
	5,971,911	Wilk	10/26/1999
	5,977,408	Levin et al.	11/2/1999
	5,995,872	Bourgeois	11/30/1999
	5,998,386	Feldman	12/7/1999
	6,006,134	Hill et al.	12/21/1999
	6,007,559	Arkans	12/28/1999
	6,014,588	Fitz	1/11/2000
	6,042,538	Puskas	3/28/2000
	6,043,273	Duhaylongsod	3/28/2000
	6,060,454	Duhaylongsod	5/9/2000
✓	6,073,048	Kieval, et al.	6/6/2000
KDM	6,087,394	Duhaylongsod	7/11/2000

Examiner Signature	/Kristen Mullen/ (11/27/2006)	Date Considered	11/27/2006
--------------------	-------------------------------	-----------------	------------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer. Patent and Trademark Office, Washington, DC 0231.

DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box Alexandria, VA 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary) Sheet 9 of 13	Complete if Known	
	Application Number	10/629,491
	Filing Date	July 29, 2003
	First named Inventor	Michael R.S. Hill
	Group Art Unit	3766
	Examiner name	Kristen Driesch Mullen
	Attorney Docket Number	065071-9058-00

U.S. Patent Documents				
Examiner Initials		U.S. Patent Document Number	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document
KDM		6,091,988	Warman et al.	7/18/2000
		6,101,412	Duhaylongsod	8/8/2000
		6,103,722	Schultz, et al.	8/15/2000
		6,127,410	Duhaylongsod	10/3/2000
		6,141,589	Duhaylongsod	10/31/2000
		6,141,590	Renirie et al.	10/31/2000
		6,184,239	Puskas	2/6/2001
		6,185,459	Mehra et al.	2/6/2001
		6,221,851	Feldman	4/24/2001
		6,234,985	Luric et al.	5/22/2001
		6,253,108	Rosborough, et al.	6/26/2001
		6,266,564	Hill et al.	7/24/2001
		6,272,380	Warman et al.	8/7/2001
		6,299,564	Gessler et al.	10/9/2001
		6,303,293	Patterson et al.	10/16/2001
		6,304,777	Ben-Haim, et al.	10/16/2001
		6,381,499	Taylor et al.	4/30/2002
KDM		6,414,018	Duhaylongsod	7/2/2002

Examiner Signature	/Kristen Mullen/ (11/27/2006)	Date Considered	11/27/2006
--------------------	-------------------------------	-----------------	------------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer. Patent and Trademark Office, Washington, DC 0231.

DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box Alexandria, VA 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary) Sheet 10 of 13		Complete if Known	
		Application Number	10/629,491
		Filing Date	July 29, 2003
		First named Inventor	Michael R.S. Hill
		Group Art Unit	3766
		Examiner name	Kristen Druesch Mullen
		Attorney Docket Number	065071-9058-00
U.S. Patent Documents			
Examiner Initials		U.S. Patent Document Number	Name of Patentee or Applicant of Cited Document
KDM		6,429,217	Puskas
		6,442,429	Hill et al.
		6,449,507	Hill et al.
		6,473,644	Terry, Jr. et al.
		6,479,523	Puskas
		6,487,446	Hill et al.
		6,532,388	Hill et al.
		6,537,540	Burstein et al.
		6,542,774	Hill et al.
		6,554,781	Carter et al.
		6,572,895	Smith et al.
		6,587,719	Barrett et al.
		6,589,954	Mavunkel et al.
		6,609,025	Barrett et al.
		6,622,038	Barrett et al.
		6,622,041	Terry, Jr. et al.
		6,622,047	Barrett et al.
KDM		6,628,987	Hill et al.
Examiner Signature	/Kristen Mullen/ (11/27/2006)		Date Considered
			11/27/2006

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer. Patent and Trademark Office, Washington, DC 0231.

DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box Alexandria, VA 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary) Sheet 11 of 13	Complete if Known		
	Application Number	10/629,491	
	Filing Date	July 29, 2003	
	First named Inventor	Michael R.S. Hill	
	Group Art Unit	3766	
	Examiner name	Kristen Drosch Mullen	
		Attorney Docket Number	065071-9058-00

U.S. Patent Documents				
Examiner Initials		U.S. Patent Document Number	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document
KDM		6,656,960	Puskas	12/2/2003
		6,690,973	Hill et al.	2/10/2004
		6,711,436	Duhaylongsod	3/23/2004
		6,718,208	Hill et al.	4/6/2004
		6,721,603	Zabara et al.	4/13/2004
		6,735,471	Hill et al.	5/11/2004
		6,738,667	Deno et al.	5/18/2004
		6,778,854	Puskas	8/17/2004
		6,904,318	Hill et al.	6/7/2005
		6,912,419	Hill et al.	6/28/2005
		09/980,421		
		RE38,654	Hill et al.	11/23/2004
		RE38,705	Hill et al.	2/22/2005
		2001/0049543	Kroll	12/6/2001
		2002/0198570	Puskas	12/26/2002
		2002/0198571	Puskas	12/26/2002
		2002/072782	Osorio, et al.	6/13/2002
KDM		2003/0074039	Puskas	4/17/2003

Examiner Signature	/Kristen Mullen/ (11/27/2006)	Date Considered	11/27/2006
--------------------	-------------------------------	-----------------	------------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer. Patent and Trademark Office, Washington, DC 0231.

DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box Alexandria, VA 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary) Sheet 12 of 13	Complete if Known	
	Application Number	10/629,491
	Filing Date	July 29, 2003
	First named Inventor	Michael R.S. Hill
	Group Art Unit	3766
	Examiner name	Kristen Droesch Mullen
Attorney Docket Number		065071-9058-00

U.S. Patent Documents

Examiner Initials	U.S. Patent Document Number	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document
KDM	2003/0216775	Hill et al.	11/20/2003
	2003/0216790	Hill et al.	11/20/2003
	2003/045909	Gross et al.	3/6/2003
	2004/0024422	Hill et al.	2/5/2004
	2004/0059383	Puskas	3/25/2004
	2004/0111118	Hill et al.	6/10/2004
	2004/0162584	Hill et al.	8/19/2004
	2004/0172075	Shafer et al.	9/2/2004
	2004/0186517	Hill et al.	9/23/2004
	2004/0186531	Jahns et al.	9/23/2004
	2004/0199209	Hill et al.	10/7/2004
	2005/0096707	Hill et al.	5/5/2005
KDM	2005/0143412	Puskas	6/30/2005

FOREIGN PATENT DOCUMENTS

Examiner Initials	Country Code	Foreign Patent Document Number	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document	Translation	English Abstract
KDM	AU	9890156 758370	Duhaylongsod	3/1/1999		
KDM	AU	779255	Puskas	6/23/2000		
KDM	CA	2,310,183	Stewart, et al.	8/26/1998		

Examiner Signature	/Kristen Mullen/ (11/27/2006)	Date Considered	11/27/2006
--------------------	-------------------------------	-----------------	------------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer. Patent and Trademark Office, Washington, DC 0231.

DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box Alexandria, VA 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO				Complete if Known			
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary) Sheet 13 of 13				Application Number		10/629,491	
				Filing Date		July 29, 2003	
				First named Inventor		Michael R.S. Hill	
				Group Art Unit		3766	
				Examiner name		Kristen Dmesch Mullen	
				Attorney Docket Number		065071-9058-00	
U.S. Patent Documents							
Examiner Initials		U.S. Patent Document Number		Name of Patentee or Applicant of Cited Document		Date of Publication of Cited Document	
KDM	CA	2,376,903	Puskas	6/23/2000			
	DE	2811325	Hildebrandt et al.	9/27/1979			
	EP	0589252	Dreher	3/30/1994			
	EP	1005337	Puskas	6/7/2000			
	EP	1051168	Duhaylongsod	11/15/2000			
	EP	1181947	Borkan	2/27/2002	X		
KDM	EP	0440111	McEwen	8/7/1991			
	JP	2001505980	Puskas	6/23/2000			
	JP	2000507363	Puskas	8/26/1998			
KDM	MX	2043	Puskas	8/26/1998			
	WO	9740885	Jonkman et al.	2/5/1997			
	WO	09907354	Duhaylongsod	2/18/1999			
	WO	0100273	Puskas	2/4/2001			
	WO	0189526	Tracey	11/29/2001			
	WO	9211064	Mehra	7/9/1992			
	WO	9900057	Ward	1/7/1999	X		
	WO	9909971	Puskas	3/4/1999			
	WO	9909973	Puskas	8/26/1998			
	WO	9963926	Lurie, et al.	12/16/1999	X		
	WO	0001306	Scher, et al.	1/13/2000	X		
	WO	0009206	Mehra, et al.	2/24/2000	X		
KDM	WO	0226320	Hill, et al.	4/4/2002	X		

Examiner Signature	/Kristen Mullen/ (11/27/2006)	Date Considered	11/27/2006
-----------------------	-------------------------------	--------------------	------------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer. Patent and Trademark Office, Washington, DC 0231.

DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box Alexandria, VA 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB number.

Substitute for form 1449B/PTO			Complete if Known		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)			Application Number	10/629,491	
			Filing Date	July 29, 2003	
			First Named Inventor	Michael R.S. Hill	
			Group Art Unit	3766	
			Examiner Name	Kristen Driesch Mullen	
Sheet	1	of	10	Attorney Docket Number	065071-9058-00

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS		
Examiner Initials		Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, pages(s), volume-issue numbers(s), publisher, city and/or country where published.
KDM		AGNEW, William F., et al., "Considerations for Safety with Chronically Implanted Nerve Electrodes, Epilepsia, 31(Suppl. 2), 1990, pp. S27-S32, Raven Press, Ltd., New York.
		ANNEGERS, A.F., et al., "Epilepsy, Vagal Nerve Stimulation by the NCP System, All-Cause Mortality, and Sudden, Unexpected, Unexplained Death," Epilepsia, 41(5): 549-553, 2000.
		BARWELL, J., et al., "The NIM-2 Nerve Integrity Monitor in Thyroid and Parathyroid Surgery," British Jour. of Surg. 1997, Vol. 84, p. 854.
		BELL, et al., "Intropic Responses of the Left Ventricle to Changes in Heart Rate in Anesthetized Rabbits," Can. J. Physiol. Pharmacol., 1983, 62:531-538.
		BENETTI, F.J., "Direct Coronary Surgery with Saphenous Vein Bypass Without Either Cardiopulmonary Bypass or Cardiac Arrest," J. Cardiovasc. Surg., 26:217-222.
		BENETTI, et al., "Use of Thoracoscopy and a Minimal Thoracotomy, in Mammary-Coronary Bypass to Left Anterior Descending Artery, Without Extracorporeal Circulation," J. Cardiovasc. Surg., 36:159-161.
		BEN-MENACHEM, E., et al., "Vagus Nerve Stimulation for Treatment of Partial Seizures: I. A Controlled Study of Effect on Seizures," Epilepsia, 35(3): 616-626, 1994.
		BESEDOVSKY, H., et al., "Immunoregulatory Feedback Between Interleukin-1 and Glucocorticoid Hormones," Science, Vol. 233, No. 4764, pp. 652-654, 1986.
KDM		BILGUTAY, A., et al., "Vagal Tuning: A New Concept in the Treatment of Supraventricular Arrhythmias, Angina pectoris, and Heart failure," Jour. of Thorac. & Cardio. Surg., 1968, pp. 71-82.

Examiner Signature	/Kristen Mullen/ (11/27/2006)	Date Considered	11/27/2006
--------------------	-------------------------------	-----------------	------------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231.
DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB number.

Substitute for form 1449B/PTO			Complete if Known		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)			Application Number	10/629,491	
			Filing Date	July 29, 2003	
			First Named Inventor	Michael R.S. Hill	
			Group Art Unit	3766	
			Examiner Name	Kristen Droesch Mullen	
Sheet	2	of	10	Attorney Docket Number	065071-9058-00

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS		
Examiner Initials		Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, pages(s), volume-issue numbers(s), publisher, city and/or country where published.
KDM		BLUEMEL, K.M., et al., "Parasympathetic Postganglionic Pathways to the Sinoatrial Node," Am. Phys. Soc., 1990, pp. H1504-H1508.
		BOROVIKOVA, L.V., et al., "Role of Vagus Nerve Signaling in CNI-1493-mediated Suppression of Acute Inflammation," Autonomic Neuroscience: Basic and Clinical, Vol. 85, pp. 141-147, 2000.
		BOROVIKOVA, L.V., et al., "Vagus Nerve Stimulation Attenuates the Systemic Inflammatory Response to Endotoxin," Nature, Vol. 405, 2000.
		BRAUNWALD, E., et al., "Carotid Sinus Nerve Stimulation in the Treatment of Angina Pectoris and Supraventricular Tachycardia," Western Jour. of Medicine, 1970, No. 112, Vol. 3, pp. 41-50.
		BRISTOW, M., "The Adrenergic Nervous System In Heart Failure," The New Eng. J. of Med., Vol. 311, No. 13, pp. 850-851, 1984.
		BRODDE, Otto-Erich, et al., "Cardiac Muscarinic Receptors Decrease with Age In Vitro and In Vivo Studies," Journal of Clinical Investigation, 1998, Vol. 101, No. 2, pp.471-478.
		BUFKIN, B., et al., "Controlled Intermittent Asystole: Pharmacologic Potentiation of Vagal-Induced Asystole," Ann. Thorac. Surg. 1998; 66: 1185-90.
		CARLSON, M., et al., "Selective Stimulation of Parasympathetic Nerve Fibers to the Human Sinoatrial Node," Circulation 1992; 85:1311-1317.
KDM		COOPER, T., et al., "Neural Effects on Sinus Rate and Atrioventricular Conduction Produced by Electrical Stimulation from a Transvenous Electrode Catheter in the Canine Right Pulmonary Artery," Circ. Res. 46: 48-57, 1980.

Examiner Signature	/Kristen Mullen/ (11/27/2006)	Date Considered	11/27/2006
--------------------	-------------------------------	-----------------	------------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB number.

Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)			Complete if Known		
			Application Number	10/629,491	
			Filing Date	July 29, 2003	
			First Named Inventor	Michael R.S. Hill	
			Group Art Unit	3766	
			Examiner Name	Kristen Droesch Mullen	
Sheet	3	of	10	Attorney Docket Number	065071-9058-00

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS		
Examiner Initials		Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, pages(s), volume-issue numbers(s), publisher, city and/or country where published.
KDM		Declaration/Clarification of John D. Puskas, MD., dated October 11, 2005, pp. 1-7.
		DiMARCO, J.P., M.D., et al. "Adenosine: Electrophysiologic Effects and Therapeutic Use for Terminating Paroxysmal Supraventricular Tachycardia," Therapy and Prevention Arrhythmia, Circulation 68, No. 6, 1983, pp. 1254-1263.
		DIPIRO, J., et al., "Pharmacotherapy: A Pathophysiologic Approach," p. 153-157, 1989.
		DIWAN, A., et al., "Inflammatory Mediators and the Failing Heart: A Translational Approach," Cur. Mol. Med., Vol. 3, No. 2, pp. 161-182, 2003.
		ESPINOSA, J., et al., "Revision and Removal of Stimulating Electrodes Following Long-Term Therapy with the Vagus Nerve Stimulator," Surg. Neurol. 1999; 51:659-64.
		FANNING, et al., "Reoperative Coronary Artery Bypass Grafting Without Cardiopulmonary Bypass," Ann. Thorac. Surg., 55:486-489.
		FINKEL, M., et al., "Negative Inotropic Effects of Cytokines on the Heart Mediated by Nitric Oxide," Science, Vol. 257, pp. 387-389, 1992.
		FLESHNER, M., et al., "Thermogenic and Corticosterone Responses to Intravenous Cytokines (IL-1 β and TNF- α) are Attenuated by Subdiaphragmatic Vagotomy," J. of Neuroimmunology, Vol. 86, pp. 134-141, 1998.
KDM		FREILICH, A., M.D., et al., "Adenosine and its Cardiovascular Effects," American Heart Journal, vol. 123, No. 5, May 1992, pp. 1324-1328.

Examiner Signature	/Kristen Mullen/ (11/27/2006)	Date Considered	11/27/2006
--------------------	-------------------------------	-----------------	------------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231.
DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB number.

Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Complete if Known			
		Application Number	10/629,491		
		Filing Date	July 29, 2003		
		First Named Inventor	Michael R.S. Hill		
		Group Art Unit	3766		
		Examiner Name	Kristen Droesch Mullen		
Sheet	4	of	10	Attorney Docket Number	065071-9058-00

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS		
Examiner Initials		Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, pages(s), volume-issue numbers(s), publisher, city and/or country where published.
KDM	↓	GAYKEMA, R., et al., "Subdiaphragmatic Vagotomy Suppresses Endotoxin-Induced Activation of Hypothalamic Corticotropin-releasing Hormone Neurons and ACTH Secretion," Endocrinology, Vol. 136, No. 10, pp. 4717-4720, 1995.
		GEORGE, R., et al., "Vagus Nerve Stimulation for Treatment of Partial Seizures: 3. Long-Term Follow-Up on First 67 Patients Exiting a Controlled Study," Epilepsia, 35(3): 637-643, 1994.
		GORMAN, Christine, et al., "How New Heart-Scanning Technology Could Save Your Life," Time, September 5, 2005, pp. 61 and 67.
		GUARINI, S., et al., "Efferent Vagal Fibre Stimulation Blunts Nuclear Factor- κ B Activation and Protects Against Hypovolemic Hemorrhagic Shock, Circulation, 2003, Vol. 107, No. 8, pp. 1189-1194.
KDM		GULICK, T., et al., "Interleukin 1 and Tumor Necrosis Factor Inhibit Cardiac Myocyte β -adrenergic Responsiveness," Proc. Natl. Acad. Sci. USA, Vol. 86, pp. 6753-6757, Sept. 1989.
		HAGEMAN, G.R., et al., "Direct and Reflex Cardiac Bradycardias from a Small Vagal Nerve Stimulation," Am. Heart J. 1975, Mar; 89: 338-48 (Abstract only).
KDM		HAMMOND, Edward J., et al., "Vagus Nerve Stimulation in Humans: Neurophysiological Studies and Electrophysiological Monitoring," Epilepsia, 31 Suppl. 2), 1990, pp. S51-S59, Raven Press, Ltd., New York
KDM		HIROTA, H., et al., "Loss of a gp130 Cardiac Muscle Cell Survival Pathway is a Critical Event in the Onset of Heart Failure during Biomechanical Stress," Cell, Vol. 97, pp. 189-198, 1999.
KDM		JALIFE, J., et al., "Desensitization of the Cholinergic Receptor at the Sinoatrial Cell of the Kitten," Am. Phys. Soc., 1980, pp. H439-H448.

Examiner Signature	/Kristen Mullen/ (11/27/2006)	Date Considered	11/27/2006
--------------------	-------------------------------	-----------------	------------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB number.

Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)			Complete if Known		
			Application Number	10/629,491	
			Filing Date	July 29, 2003	
			First Named Inventor	Michael R.S. Hill	
			Group Art Unit	3766	
			Examiner Name	Kristen Droesch Mullen	
Sheet	5	of	10	Attorney Docket Number	065071-9058-00

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS		
Examiner Initials		Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, pages(s), volume-issue numbers(s), publisher, city and/or country where published.
KDM		KHANNA, R., et al., "Coronary Artery Surgery with Induced Temporary Asystole and Intermittent Ventricular Pacing: An Experimental Study," Cardio. Surg., 1996, Vol. 4, No. 2, pp. 231-236.
		KLASSEN, et al., "Coronary Venous Pressure and Flow: Effects of Vagal Stimulation, Aortic Occlusion, and Vasodilators," Can. J. Physiol. Pharmacol., 1983, 62: 531-538.
		KROWN, K., et al. "Tumor Necrosis Factor Alpha-Induced Apoptosis in Cardiac Myocytes: Involvement of the Sphingolipid Signaling Cascade in Cardiac Cell Death," J. Clin. Invest., Vol. 98, No. 12, 1996.
		LAGI, A., et al., "Age-Related Changes of Cardiac Parasympathetic Modulation After Vasovagal Syncope," The Am. Jour. Of Cardiology, Vol. 83, March 15, 1999, pp. 977-980.
		LEVY, M. et al., "Autonomic Control of Cardiac Pacemaker Activity and Atrioventricular Transmission," Journal of Applied Physiology, Vol. 27, No. 4, October 1969.
		LI, Y. Y., et al., "Myocardial Extracellular Matrix Remodeling in Transgenic Mice Overexpressing Tumor Necrosis Factor α can be Modulated by Anti-tumor Necrosis Factor α Therapy," PNAS, Vol. 97, No. 23, pp. 12746-12751, 2000.
		LISMAN, K., et al., "The Role of Tumor Necrosis Factor Alpha Blockade in the Treatment of Congestive Heart Failure," CHF, pp. 275-279, Sept./Oct., 2002.
		LOCKARD, Joan S., et al., "Feasibility and Safety of Vagal Stimulation in Monkey Model," Epilepsia, 31(Supp. 2), 1990, pp. S20-S26, Raven Press, Ltd., New York
KDM		LOEB, J., et al., "Sensitivity Differences of SA and AV Nodules to Vagal Stimulation: Attenuation of Vagal Effects at SA Node," Am. Phys. Soc., 1981, pp. H684-H690.

Examiner Signature	/Kristen Mullen/ (11/27/2006)	Date Considered	11/27/2006
--------------------	-------------------------------	-----------------	------------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB number.

Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)			Complete if Known		
			Application Number	10/629,491	
			Filing Date	July 29, 2003	
			First Named Inventor	Michael R.S. Hill	
			Group Art Unit	3766	
			Examiner Name	Kristen Droesch Mullen	
Sheet	6	of	10	Attorney Docket Number	065071-9058-00

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS		
Examiner Initials		Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, pages(s), volume-issue numbers(s), publisher, city and/or country where published.
KDM		McGREGOR, E., et al., "Proteomics of Heart Disease," Human Molecular Genetics, Vol. 12, Review Issue 2, pp. R135-R144, 2003.
		MALONEY, R., et al., "A New Method for Intraoperative Recurrent Laryngeal Nerve Monitoring," ENT Journal, 1994, Vol. 73, No. 1, pp. 30-33.
		MANN, D., et al., "New Therapeutics for Chronic Heart Failure," Annu. Rev. Med., Vol. 53, pp. 59-74, 2002.
		MANN, D., "Mechanisms and Models in Heart Failure – A Combinatorial Approach," Circulation, Vol. 100, pp. 999-1008, 1999.
		MARTIN, P., et al., "Fade of Cardiac Responses During Tonic Vagal Stimulation," Am. Phys. Soc., 1982, pp. H219-H225.
		MATHENY, R., "Experiences in Minimally Invasive Cardiac Surgery – Techniques of Stabilization," presented by the Minneapolis Heart Institute Foundation, June 19-21, 1997.
↓		MATHENY, R., et al., "Vagus Nerve Stimulation as Method to Temporarily Slow or Arrest the Heart," Society of Thoracic Surgeons, 1997.
KDM		MOHIUDDIN, S.M., M.D., et al., "Safety of Different Dosages of Intravenous Adenosine Used in Conjunction with Diagnostic Myocardial Imaging Techniques," Pharmacotherapy, 1993, 13(5), pp. 476-480.
		NOBREGA, et al., "Resting and Reflex Heart Rate Responses During Cholinergic Stimulation with Pyridostigmine in Humans," Braz. J. Med. Biol. Res. 1996, Nov: 29(11): 1461-5 (Abstract only)

Examiner Signature	/Kristen Mullen/ (11/27/2006)	Date Considered	11/27/2006
--------------------	-------------------------------	-----------------	------------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB number.

Substitute for form 1449B/PTO			Complete if Known		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)			Application Number	10/629,491	
			Filing Date	July 29, 2003	
			First Named Inventor	Michael R.S. Hill	
			Group Art Unit	3766	
			Examiner Name	Kristen Droesch Mullen	
Sheet	7	of	10	Attorney Docket Number	065071-9058-00

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS		
Examiner Initials		Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, pages(s), volume-issue numbers(s), publisher, city and/or country where published.
KDM		NOONAN, DAVID, "And the Beat Goes On," <u>Newsweek</u> , July 11, 2005, pp. 56-57.
		OKAZAWA, M., et al., "Effect of Vagal Stimulation and Parenteral Acetylcholine on Canine Trachealis Muscle Shortening," J. Appl. Physiol., Vol. 75, No. 6, pp. 2463-2468, 1992 (Abstract Only).
		PACE, (on the use of nerve cuff stimulation of vagal nerves, October 1992, Vol. 15, No. 10, pt. 11, pp. 1543-1630.
		PENRY, J. Kiffin, et al., "Prevention of Intractable Partial Seizures by Intermittent Vagal Stimulation in Humans: Preliminary Results," Epilepsia, 31(Suppl. 2), 1990, pp. S40-S43, Raven Press, Ltd., New York
		PFISTER, et al., "Coronary Artery Bypass Without Cardiopulmonary Bypass," Ann. Thorac. Surg., 54: 1085-92.
		POLLER, U., et al., "Age-Dependent Changes in Cardiac Muscarinic Receptor Function in Healthy Volunteers," JACC Vol. 29, No. 1, 1997: 187-93.
		RAMSAY, R., et al., "Vagus Nerve Stimulation for Treatment of Partial Seizures: 2. Safety, Side Effects, and Tolerability," Epilepsia, 35(3): 627-636, 1994.
		RANDALL, Walter C., PhD., "Parasympathetic Control of the Heart," Chapter 4, Nervous Control of Cardiovascular Function, 1984, pp. 68-94.
KDM		RANDALL, Walter C., Ph.D. et al., "Functional Anatomy of the Cardiac Efferent Innervation," Neurocardiology, 1988, pp. 3-24.

Examiner Signature	/Kristen Mullen/ (11/27/2006)	Date Considered	11/27/2006
--------------------	-------------------------------	-----------------	------------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB number.

Substitute for form 1449B/PTO			Complete if Known		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)			Application Number	10/629,491	
			Filing Date	July 29, 2003	
			First Named Inventor	Michael R.S. Hill	
			Group Art Unit	3766	
			Examiner Name	Kristen Droesch Mullen	
Sheet	8	of	10	Attorney Docket Number	065071-9058-00

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS		
Examiner Initials		Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, pages(s), volume-issue numbers(s), publisher, city and/or country where published.
KDM		REID, Steven A., "Surgical Technique for Implantation of the Neurocybernetic Prosthesis," Epilepsia, 31(Suppl. 2), 1990, pp. S38-S39, Raven Press, Ltd., New York
		RUTECKI, Paul, "Anatomical, Physiological, and Theoretical Basis for the Antiepileptic Effect of Vagus Nerve Stimulation," Epilepsia, 31(Suppl. 2), 1990, pp. S1-S6, Raven Press, Ltd., New York
		SATO, I., et al., "Age-Related Changes of Cardiac Control Function in Man," Jour. of Gerontology, 1981, Vol. 36, No. 5, pp. 564-572.
		SEVERTSON, M., et al., "Vagal Nerve Monitoring: A Comparison of Techniques in a Canine Model," Am. Jour. of Otology, 18:398-400, 1997.
		SHARMA, R, et al., "The Importance of Tumor Necrosis Facator and Lipoproteins in the Pathogenesis of Chronic Heart Failure," Heart Failure Monitor, Vol. 2, No. 2, pp. 42-47, 2001.
		SUBRAMANIAN, V., "Clinical Experience with Minimally Invasive Reoperative Coronary Bypass Surgery," Eur. J. Cardio-Thorac Surg., 1996, 10: 1058-1063.
		TAN, L.B., et al., "Cardiac Myocyte Necrosis Induced by Antiotensin II," J. Am. Heart Assoc., Vol. 69, pp. 1185-1195, 1991.
		TAYLOR, P., Goodman and Gilman's, The Pharmacological Basis of Therapeutics, 6th Ed., MacMillan Publishing Co., Inc., New York, pp. 93-94 and 104-108, 1980.
KDM		TERRY, Reese, et al., "An Implantable Neurocybernetic Prosthesis System," Epilepsia, 31 (Suppl. 2, 1990, pp. S33-S37, Raven Press, Ltd. New York.

Examiner Signature	/Kristen Mullen/ (11/27/2006)	Date Considered	11/27/2006
-----------------------	-------------------------------	--------------------	------------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231.
DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB number.

Substitute for form 1449B/PTO			Complete if Known		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)			Application Number	10/629,491	
			Filing Date	July 29, 2003	
			First Named Inventor	Michael R.S. Hill	
			Group Art Unit	3766	
			Examiner Name	Kristen Droesch Mullen	
Sheet	9	of	10	Attorney Docket Number	065071-9058-00

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS		
Examiner Initials		Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, pages(s), volume-issue numbers(s), publisher, city and/or country where published.
KDM		THOMPSON, G.W., et al., "Bradycardia Induced by Intravascular Versus Direct Stimulation of the Vagus Nerve," Ann. Thorac. Surg., 1998; 65:637-42.
		URTHALER, James F., "Experimental Studies on Pathogenesis of Asystole After Verapamil in the Dog," Am. J. Cardiol., 1979 Oct;44(4): 651-6 (Abstract only)
		UTHMAN, Basim M., et al., "Efficacy and Safety of Vagus Nerve Stimulation in Patients with Complex Partial Seizures," Epilepsia, 31(Suppl. 2), 1990, pp. S44-S50, Raven Press, Ltd., New York.
		WATKINS, L., et al., "Implications of Immune-to-Brain Communication for Sickness and Pain," Proc. Natl. Acad. Sci. USA, Vol. 96, pp. 7710-7713, July 1999.
		WESTABY, S., "Coronary Surgery Without Cardiopulmonary Bypass," British Hearth Journal, 73: 203-205.
		WILDER, B.J., et al., "Vagus Nerve Stimulation for the Control of Epilepsy," Proceedings of a Symposium held in conjunction with the American Epilepsy Society Annual Meeting, Boston, MA, December 2, 1989, Vol. 31, Supplement 2, 1990.
		WOODBURY, Dixon M., et al., "Effects of Vagal Stimulation on Experimentally Induced Seizures in Rats," Epilepsia, 31(Suppl. 2), 1990, pp. S7-S19, Raven Press, Ltd., New York
		YEH, Shing-Shing, et al., "Geriatric Cachexia: The Role of Cytokines ^{1,2} ," Am. J Clin. Nutr., Vol. 70, pp. 183-97, 1999.
✓ KDM		YOKOYAMA, T., et al., "Cellular Basis for the Negative Inotropic Effects of Tumor Necrosis Factor -α in the Adult Mammalian Heart," The Journal of Clinical Investigation, Vol. 92, pp. 2303-2312, Nov. 1993.

Examiner Signature	/Kristen Mullen/ (11/27/2006)	Date Considered	11/27/2006
--------------------	-------------------------------	-----------------	------------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB number.

Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Complete if Known	
				Application Number	10/629,491
				Filing Date	July 29, 2003
				First Named Inventor	Michael R.S. Hill
				Group Art Unit	3766
				Examiner Name	Kristen Droesch Mullen
Sheet	10	of	10	Attorney Docket Number	065071-9058-00

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS		
Examiner Initials		Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, pages(s), volume-issue numbers(s), publisher, city and/or country where published.
KDM		YOKOYAMA, T., et al., "Tumor Necrosis Factor - α Provokes a Hypertrophic Growth Response in Adult Cardiac Myocytes," Circulation, Vol. 95, pp. 1247-1252, 1997.

Examiner Signature	/Kristen Mullen/ (11/27/2006)	Date Considered	11/27/2006
-----------------------	-------------------------------	--------------------	------------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.